



PROFILE VIEW

NOTES:

1. THE BOTTOM OF THE TRENCH SHALL BE ACCURATELY GRADED TO PROVIDE UNIFORM BEARING AND SUPPORT FOR EACH SECTION OF PIPE ON UNDISTURBED SOIL AT EVERY POINT ALONG ITS ENTIRE LENGTH UNLESS UNSUITABLE SUBSOIL IS ENCOUNTERED AT THE NORMAL TRENCH SUBGRADE. IF SUCH MATERIAL IS ENCOUNTERED, THE CONTRACTOR SHALL REMOVE IT TO THE DEPTH DIRECTED BY THE ENGINEER IN THE FIELD AND BACKFILL WITH D.O.T. CLASS I, TYPE I AND II MATERIAL IN 4 INCH LAYERS.
2. BOTTOM OF TRENCH SHALL BE FREE OF WATER PRIOR TO PLACING BEDDING.
3. COMPACT SELECT BACKFILL IN LAYERS NOT TO EXCEED 6 INCHES.
4. PROVIDE 4 INCHES OF TOP SOIL WHERE BEDDING IS REQUIRED. SEE NOTE 5 AT GRAVEL AND PAVED AREAS.
5. GRAVEL AND PAVED DRIVEWAYS TO BE RESTORED IN KIND.
6. CONTRACTOR IS SOLELY RESPONSIBLE FOR TRENCH SAFETY INCLUDING SHEETING AND SHORING WHERE REQUIRED.
7. TRENCH BOTTOM SHALL NOT BE LESS THAN 12 INCHES OR MORE THAN 18 INCHES WIDER THAN THE OUTSIDE DIAMETER OF THE PIPE ON BOTH SIDES.
8. 12 GAUGE SINGLE STRAND COATED WIRE TO BE LOCATED ON TOP OF WATER MAIN.
9. WIRE SHALL BE WRAPPED AROUND EACH CORPORATION A MINIMUM OF TWO WRAPS.
10. WIRE SHALL BE EXTENDED OUTSIDE OF EACH VALVE BOX AND WRAPPED AROUND THE VALVE BOX FOR EASY CONNECTION OF TRACING EQUIPMENT.

NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.

APPROVED JAN. 2020

REVISED: APRIL 2019

TYPICAL TRENCH - WATER MAIN

**AUGUSTA UTILITIES DEPARTMENT
452 WALKER STREET, SUITE 200
AUGUSTA, GA 30901**

AUD DETAIL 1.1

